

HYDROXAMIC ACIDS

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Abstract

Hydroxamic acid derivatives represented by the following general formula and useful as a matrix metalloprotease inhibitor: R-X-B-N(R<1>)-A-CO-NHOH, wherein R is an optionally substituted cyclic hydrocarbon group or the like; X is optionally substituted alkylene or the like; B is carbonyl or the like; R<1> is hydrogen or optionally substituted lower alkyl in the case wherein B is carbonyl or sulfonyl, and R<1> is hydrogen, optionally substituted lower alkyl, optionally substituted lower alkanoyl or the like in the case wherein B is methylene; and A is methylene substituted with one or two optionally substituted lower alkyl groups.

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<p>(51) 国際特許分類6 C07C 259/06, 271/12, 279/04, 311/35, 317/44, 323/60, 311/15, C07D 207/16, 209/48, 209/46, 207/24, 207/42, 209/08, 207/16, 471/04, 275/04, 239/84, 295/10, 295/12, 295/14, 233/64, A61K 31/40, 31/505, 31/405, 31/435, 31/425, 31/445, 31/535, 31/195, 31/165, 31/275, 31/18, 31/63, 31/55, 31/415</p>	<p>A1</p>	<p>(11) 国際公開番号 WO98/15525</p> <p>(43) 国際公開日 1998年4月16日(16.04.98)</p>
<p>(21) 国際出願番号 PCT/JP97/03542</p> <p>(22) 国際出願日 1997年10月2日(02.10.97)</p> <p>(30) 優先権データ 特願平8/286014 1996年10月7日(07.10.96) 特願平9/160396 1997年6月2日(02.06.97)</p> <p>(71) 出願人 (米国を除くすべての指定国について) 住友製薬株式会社 (SUMITOMO PHARMACEUTICALS CO., LTD.)[JP/JP] 〒541 大阪府大阪市中央区道修町2丁目2-8 Osaka, (JP)</p> <p>(72) 発明者; および (75) 発明者/出願人 (米国についてのみ) 三溝文雄(SAMIZO, Fumio)[JP/JP] 〒661 兵庫県尼崎市武庫町3丁目11-30-313 Hyogo, (JP) 神川由美子(KAMIKAWA, Yumiko)[JP/JP] 〒630 奈良県奈良市北永井町379-12 Nara, (JP) 佐々木章(SASAKI, Akira)[JP/JP] 〒665 兵庫県宝塚市中山荘園1番37-1-306 Hyogo, (JP) 植木靖之(UEKI, Yasuyuki)[JP/JP] 〒669-13 兵庫県三田市武庫が丘5丁目1番地J-406 Hyogo, (JP)</p>		<p>方達 均(HOCHIGAI, Hitoshi)[JP/JP] 〒569 大阪府高槻市玉川1丁目9-1-503 Osaka, (JP) 小北季世子(KOGITA, Kiyoko)[JP/JP] 〒560 大阪府豊中市宮山町3丁目9-10 Osaka, (JP)</p> <p>(74) 代理人 弁理士 中村敏夫(NAKAMURA, Toshio) 〒554 大阪府大阪市此花区春日出中3丁目1-98 住友製薬株式会社 法務部内 Osaka, (JP)</p> <p>(81) 指定国 CA, CN, JP, KR, US, 欧州特許 (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>添付公開書類 国際調査報告書</p>
<p>(54)Title: HYDROXAMIC ACIDS</p> <p>(54)発明の名称 ヒドロキサム酸</p> <p>(57) Abstract Hydroxamic acid derivatives represented by the following general formula and useful as a matrix metalloprotease inhibitor: R-X-B-N(R¹)-A-CO-NHOH, wherein R is an optionally substituted cyclic hydrocarbon group or the like; X is optionally substituted alkylene or the like; B is carbonyl or the like; R¹ is hydrogen or optionally substituted lower alkyl in the case wherein B is carbonyl or sulfonyl, and R¹ is hydrogen, optionally substituted lower alkyl, optionally substituted lower alkanoyl or the like in the case wherein B is methylene; and A is methylene substituted with one or two optionally substituted lower alkyl groups.</p>		